



5775 Morehouse Dr.
San Diego, California
92121

Facsimile Transmittal

Date: 7-12-02

To: OSPTD

From: George Peppers

Subject: 09/961, 226

Fax Phone Number: (703) 746-9195 or
0 11 _____
Country Code City Code Telephone Number

Number of Pages Sent: (including this transmittal cover sheet) 14 Page(s)

Special Instructions:

Transmitted By: _____
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This message is intended only for the use of the individual to whom it is addressed and contains information that is private and/or proprietary. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately. Thank you!

PATENT
Docket No. 000429

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	)	For: METHOD AND APPARATUS
	)	FOR DETECTING FINGER MERGE
Sorokine, et al.	)	CONDITION IN CDMA RECEIVER
)	
Serial No.: 09/961,226	)	Examiner: Not yet assigned
)	
Filed: September 20, 2001	)	Group Art Unit: 2817

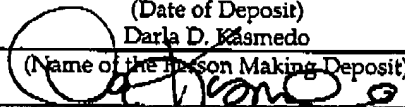
RESPONSE TO REQUEST FOR SUBSTITUTE PAPERSCommissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to Request for Substitute Papers - Filing Date Granted under 37 CFR § 1.53, which was mailed on June 25, 2002, enclosed are:

1. Office's copy of Request for Substitute Papers as required;
2. Copy of the Response to Notice to File Missing Parts filed on January 23, 2002;
3. Copy of Assignment and Recordation Cover Sheet;
4. Copy of the Declaration and Power of Attorney; and
4. Copy of the Return postcard dated January 23, 2002.

I hereby certify that this correspondence is being faxed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

July 12, 2002
(Date of Deposit)
Darla D. Kasmado
(Name of the Person Making Deposit)

(Signature)
July 12, 2002
(Date of Signature)

PATENT
Docket No. 000429

The Commissioner is further hereby authorized to charge to said Deposit Account No. 17 - 0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Respectfully submitted,

Dated: July 12, 2002

By: 
George C. Pappas
Reg. No. 35,065

QUALCOMM Incorporated (PTO Customer No. 23696)
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-1306
Facsimile: (858) 658-2502

#7



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

Application Number	Filing Date	First Named Applicant	Atty. Docket No.
09/961,226	09/20/2001	Sorokine, Vladislav	000429

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego CA 92121-1714

Title: Method and apparatus for detecting finger merge condition in CDMA receiver

Date Mailed: 06/25/2002

GP

Request for Substitute Papers

The papers filed on 02/12/02 (certificate of mailing dated 01/23/02) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1.52(a)) due to the United States Postal Service sanitization process.

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U.S. or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated ~~703-746-9195~~ 703-746-9195

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202.

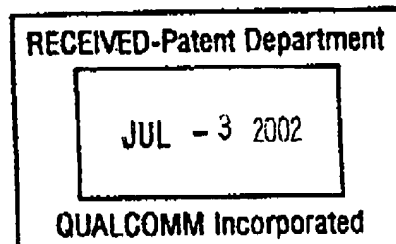
The USPTO **strongly** prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to: Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327.

This letter is not a notice under 37 CFR 1.251. However, failure to timely replay to this notice within **two (2) weeks** of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1.251. ~~A copy of this notice should be included with the reply.~~

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name: George C. Pappas Registration No.: 35,065

Signature: _____ Date: 7-12-02



PATENT
Docket No. 000429

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	)	For: METHOD AND APPARATUS
	)	FOR DETECTING FINGER
Sorokine, et al.	)	MERGE CONDITION IN CDMA
	)	RECEIVER
Serial No.: 09/961,226)	
)	
Filed: September 20, 2001	)	Group Art Unit: 2817

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATIONCommissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted under 37 CFR § 1.53, which was mailed on October 24, 2001, enclosed are:

1. Notice to File Missing Parts;
2. Executed Declaration/Power of Attorney;
3. Copy of Assignment; and
4. Return postcard.

Please charge Deposit Account No. 17 - 0026 of QUALCOMM Incorporated in the amount of \$240.00 (\$130 surcharge, \$110 extension fee). Applicant through his attorney respectfully requests that the two-month statutory period for response to the outstanding Missing Parts of

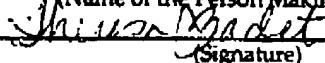
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, on:

January 23, 2002

(Date of Deposit)

Theresa M. Badet

(Name of the Person Making Deposit)



(Signature)

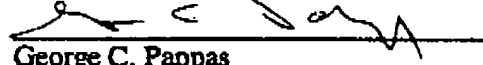
January 23, 2002

(Date of Signature)

PATENT
Docket No. 000063

October 24, 2001 due December 24, 2001 be extended one month under 37 CFR § 1.136(a) to January 24, 2002. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17 - 0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Respectfully submitted,

Dated: January 23, 2002By: 
George C. Pappas
Reg. No. 35,065

QUALCOMM Incorporated (PTO Customer No. 23696)
Attn: Patent Department
5775 Morehouse Drive
San Diego, California 92121-1714
Telephone: (858) 651-1306
Facsimile: (858) 658-2502

COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: 000429

Page 1 of 2

AS BELOW NAMED INVENTOR, I HEREBY DECLARE THAT: This Declaration is of the following type:

☒ Original ☐ Supplemental ☐ Continuation-In-Part ☐ Divisional
☐ Continuation ☐ National Stage of PCT

My residence, post office address and citizenship are as stated below next to my name: I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention **METHOD AND APPARATUS FOR DETECTING FINGER MERGE CONDITION IN CDMA RECEIVER** the specification of which:

- ☐ is attached hereto.
☒ was filed on September 20, 2001 as Serial No. 09/9651,226
☐ was amended on (if applicable).
☐ was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

		Priority Claimed	
(Country)	(Application No.)	(Day/Month/Year/Filed)	(Yes) (No)

I hereby claim the benefit under Title 35 USC 119(e) of any United States provisional application(s) listed below:

(Serial No.)	(Filing Date)
60/234,316	September 20, 2000

I hereby claim the benefit under Title 35 USC 120 of the United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 USC 112, I acknowledge the duty to disclose material information as defined in Title 37 CFR 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

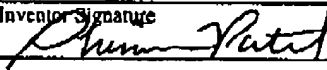
(Serial No.)	(Filing Date)	(Status)
--------------	---------------	----------

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith: Russell B. Miller, Reg. No. 31,122, Gregory D. Ograd, Reg. No. 30,880, Bruce W. Greenhaus, Reg. No. 37,339, Charles D. Brown, Reg. No. 28,285, Thomas R. Rouse, Reg. No. 40,793, Keat D. Baker, Reg. No. 38,822, Thomas M. Thibault, Reg. No. 42,181, Christopher O. Edwards, Reg. No. 36,127, Pavel Kalousek, Reg. No. 44,178, Kyong H. Macek, Reg. No. 42,977, Byron Yafuso, Reg. No. 45,244, Sean English, Reg. No. 37,319, Roger W. Martin, Reg. No. 39,291, Sandip S. Minhas, Reg. No. 44,945, Michael D. Hartogs, Reg. No. 36,547, Philip R. Wadsworth, Reg. No. 29,219, S. Hossain Beladi, Reg. No. 42,311, Albert J. Harnois, Reg. No. 46,123, Sandra L. Godsey, Reg. No. 42,589, George C. Pappas, Reg. No. 35,065, Maryanne E. DeAngelo, Reg. No. 47,288, Abdollah Kathab, Reg. No. 45,325, Robert J. O'Connell, Reg. No. 44,265, Marc Hooks, Reg. No. P.48857 and Howard Seo, Reg. No. 43,106. Please direct all telephone calls to Philip R. Wadsworth at (858) 651-4404 and address all correspondence to: Sarah Kirkpatrick, Manager, Intellectual Property Administration, QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, California 92121-1714 (PTO Customer No. 23696).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Joint Inventor Vladislav Sorokine	Inventor Signature <i>Sorokine</i>	Date 01/18/02
Residence 9912 Kika Court, Apt. 1225, San Diego, CA 92129	Citizenship Canada	
Post Office Address 9912 Kika Court, Apt. 1225, San Diego, CA 92129		

COMBINED DECLARATION / POWER OF ATTORNEYATTORNEY DOCKET NO.: 000429
Page 2 of 2

Full Name of Second or Joint Inventor Shimman Patel	Inventor Signature 	Date 1/18/02
Residence 9406 Galvin Ave, San Diego, CA 92126	Citizenship United States of America	
Post Office Address 9406 Galvin Ave, San Diego, CA 92126		



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILED/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/961,226	09/20/2001	Vladislav Sorokine	000429

CONFIRMATION NO. 4082

FORMALITIES LETTER



OC00000006863406

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, CA 92121-1714

Date Mailed: 10/24/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

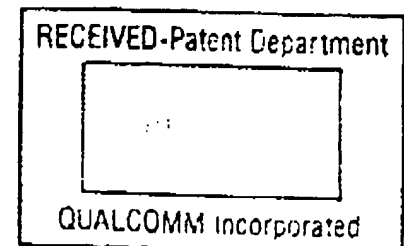
*A copy of this notice **MUST** be returned with the reply.*

ZA

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



STAMP HEREON ACKNOWLEDGES RECEIPT OF THE FOLLOWING IN THE
U.S. PATENT AND TRADEMARK OFFICE

Mailed January 23, 2002

GCP/TMB /A/

DOCKET NO: 000429

Enclosures: ASSIGNMENT (3 pages), 1 PAGE RECORDATION COVER SHEET (in duplicate); and POSTCARD

Applicant: Sorokin et al.

Serial No: 09/961,226

Filing Date: September 20, 2001

Title: METHOD AND APPARATUS FOR DETECTING FINGER MERGE
CONDITION IN CDMA RECEIVER

STAMP HERE SHOWING RECEIPT (THANK YOU):

FORM PTO-1619A/B

U.S. Department of Commerce
Patent and Trademark Office
PATENTRECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.: 000429

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
 Document ID No.
☐ Correction of PTO Error
 Reel No. Frame No.
☐ Corrective Document
 Reel No. Frame No.

Conveyance Type

- ☒ Assignment
☐ Change of Name
☐ License
☐ Merger
☐ Security Agreement
☐ Other: _____

Conveying Party(ies) ☐ Mark if additional names are attached

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

Vladislav Sorokine
Shimman Patel01/18/2002
01/18/2002Receiving Party(ies) ☐ Mark if additional names are attached

Name: QUALCOMM Incorporated
 A Delaware Corporation
 Address: 5775 Morehouse Drive
 Address: San Diego, California, 92121-1714

Correspondence Name and Address

Name: QUALCOMM Incorporated (PTO Customer No. 23696)
 Attn: Patent Department
 Address: 5775 Morehouse Drive
 Address: San Diego, California 92121-1714

Telephone Number: (858) 651-1179
 Facsimile: (858) 658-2502

Pages (Enter the total number of pages of the attached conveyance document including any attachments)

Total number of pages: three

Application Number(s) or Patent Number(s)

If this document is being filed together with a new application, the execution date of the application is:

Patent Application Number(s):

09/961,226

Patent Number(s):

Number of Properties (Enter the total number of properties involved)

Total number of properties: one

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40

Method of Payment: ☐ Enclosed ☒ Deposit Account (A duplicate of this sheet is enclosed for fee processing)

Deposit Account Number: 17-0026

Authorization to charge additional fees: ☒ Yes ☐ No

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date: 1/23/02

Name: George C. Pappas, Reg. No. 35,065
858-651-1306Signature: 

FOR OFFICE USE ONLY

(000429:TRANSASSIGN.VER1.6-1/23/2002)

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we **Vladislav Sorokine**, a citizen of Canada having a place of residence at **9912 Kika Court, Apt. 1225, San Diego, CA 92129**, and **Shimman Patel**, a citizen of the United States of America having a place of residence at **9406 Galvin Ave, San Diego, CA 92126** have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at **5775 Morehouse Drive, San Diego, California 92121-1714**, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a **METHOD AND APPARATUS FOR DETECTING FINGER MERGE CONDITION IN CDMA RECEIVER** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **September 20, 2001**, and assigned Serial No. **09/961,226** original and reissue patents granted thereof, and all divisions, and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 18 day of January, 2002.



Vladislav Sorokine

Done at San Diego, California this 18th day of January 2002.



Shimman Patel